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Podhajny et al.

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(54) **ARTICLE INCORPORATING A KNITTED COMPONENT WITH ZONAL STRETCH LIMITER**

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(57)

ABSTRACT

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CPC **A43B 1/04** (2013.01); **A43B 23/0265** (2013.01); **A43B 23/04** (2013.01); **D04B 1/123** (2013.01); **D10B 2501/043** (2013.01)

(58) **Field of Classification Search**

CPC D04B 1/102; D04B 1/24; D04B 7/14; D04B 7/24; D04B 7/28; A43B 1/04; A43B 23/0265; A43B 23/04

See application file for complete search history.

An article includes a knitted component. The knitted component includes a knit element that is configured to stretch between a neutral position and a stretched position. The knitted component also includes a tensile strand. The tensile strand is at least partially inlaid within the knit element. The tensile strand includes a portion that is arranged as a stretch limiter element that is configured to move between a slack position and a taut position as the knit element moves between the neutral position and the stretched position. The stretch limiter element is in the slack position when the knit element is in the neutral position, and the stretch limiter element is in the taut position when the knit element is in the stretched position to prevent stretch of the knit element beyond the stretched position.

20 Claims, 21 Drawing Sheets

